

CYLINDER-CLEANING APPARATUS AND METHOD FOR PRINTER

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Abstract:

PURPOSE: To ensure a compact construction and facilitate rewinding a cleaning fabric by disposing a pressing roller incorporating a driving mechanism, and providing a pressing means, a driving means and a switching means.

CONSTITUTION: A pressing roller 40 is disposed, and pressing means 210A, 210B, a driving means, a switching means and the like are provided, whereby the roller 40 can be pressed against and released from a cylinder 2, and is rotated by a driver 44 incorporated therein, the rotation being transmitted to a fabric payout roll 8 or a fabric take-up roll 9. With a shift lever 301 operated, the rotation is transmitted to either one of the rolls by a friction disk 106C or 106D. In a cleaning step, the roll 9 is rotated to feed a cleaning fabric 10 relative to a shaft, and the fabric 10 is taken up, without slacking, under a slipping phenomenon between two sets of the friction disks. When the cleaning fabric 10 of the roll 8 runs out, the transmission of the rotation of the roller 40 is switched to the roll 9, and the rotation is reversed, whereby the fabric 10 is rewound. (From: *Patent Abstracts of Japan*, Section: M, Section No. 950, Vol. 14, No. 140, Pg. 92, March 16, 1990)

JAPIO

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